$$PER(SNR,b) \equiv 1-\left(1-SER(SNR,b)\right)^{\frac{N_{max}}{b}}$$

where:

N_{max} = maximum packet length (bits)

b = candidate constellation size (bits per symbol)

SNR = symbol decision point signal to noise ratio, normalized by loss in mean symbol energy of constellation size b relative to constellation size b_{min}

SER = symbol error rate

REMARKS

Please enter this Preliminary Amendment in the above-referenced application being filed herewith.

The Applicant has amended the Brief Description of the Drawings to correct typographical errors identifying Figs. 70 - 75 with their appropriate descriptions. The Applicant submits that no new matter has been added.

The Applicant has also amended the Detailed Description to correct a typographical error of a wordprocessing equation mislocation. The Applicant submits that the corrected location is now consistent with that of the comparable text set forth in U.S. Application No. 60/196,002 incorporated by reference and that no new matter has been added.

Marked-up version of the changes made to the specification by the current amendment are not included since paragraphs herein are merely being deleted and new paragraphs added in place thereof.

Respectfully submitted,

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By _____

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